1712

PATENT
Customer No. 39,878
Attorney Docket No. 7033.0009-01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Robert A NORWOOD

Application No.: 10/762,248

Filed: January 23, 2004

For: POLYMER BLENDS FOR OPTICAL AMPLIFICATION

Group Art Unit: 1755

Examiner: Not Yet Assigned

OFFICIAL

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), applicant brings to the attention of the Examiner the documents listed on the attached PTO 1449. This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits for the above-referenced application.

Copies of the listed documents were previously submitted in prior applications, application no. 09/722,282, filed November 28, 2000, and application no. 09/507,582, filed February 18, 2000, issued as U.S. Patent No. 6,292,292, upon which applicant relies for the benefits provided in 35 U.S.C. § 120. Applicant respectfully requests that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached form.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in the application and applicant(s) determine(s) that the cited document(s) do not constitute "prior art" under United States law, applicant reserves the right to present to the office the relevant facts and law regarding the appropriate status of such documents.

Applicant further reserves the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 06-0916.

Respectfully submitted,

MIN, HSIEH & HACK LLP

Dated: July 29, 2004

By: _____
Timothy M. Hsieh
Reg. No. 42,672

OMB No. 0651-0011

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

Atty. Docket No.	07033.0009-01	Serial No.	10/762,248
Applicant	Robert A. NORWOOD et al.		
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U.S. PATENT DOCUMENTS

Examiner Initial*		Document Number	Issue Date	Name	Class	Sub Class	Filing Date If Appropriate
		2,346,155	04/11/44	Denison et al.			
		3,197,436	07/27/65	Block et al.			
		3,725,574	09/27/66	Saraceno et al.			
		3,432,532	03/11/69	King			
		3,997,853	12/14/76	Morris et al.			
		4,037,172	07/19/77	Filipescu et al.			
		4,139,342	02/13/79	Sheldrake et al.			
		4,272,733	06/09/81	Walling et al.			
		RE 31,057	10/12/82	Morris et al.			
		4,780,877	10/25/88	Snitzer			
		4,811,349	03/07/89	Payne et al.			

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		0 556 005 A1	8/93	Europe			
		PCT/EP92/02913	7/93	PCT			
		EP 0 989 693	3/29/00	Eurpoe			
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		"Preparation and Fluorescence Properties of Sm-Containing Copolymers," Zhang et al., Department of Materials Science and Engineering, University of Science and Technology of China, Hefe 230026, October 1992, Vol. 6, No. 5, pp. 435-438.
		"Synthesis and Crystal Structures of (Pr[C2H5O)2POO]3)n," Huange et al., Chinese Chemical Letters, Vol. 3, No. 11. pp. 947-950, 1992.

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		4,860,295	08/22/89	Byer et al.			
		5,005,175	04/04/91	Desurvire et al.			
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		5,093,147	03/03/92	Andrus et al.			
		5,105,434	04/14/92	Krupke et al.			
		5,140,658	08/18/92	Sunshine			
		5,282,260	01/25/94	Buchal et al.			
		5,287,217	02/15/94	Cockroft			
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		"A Proposal for Positive Cooperativity in Anion-Cation Binding in Yttrium and Lutetium Complexes Based on o-Amino-Substittued Phenolate Ligands on the Way to Coordination Polymers by Self-Assembly. Molecular Structures of [ClLu(OAr)3)Na] (X-ray) and [ClY(OAr')3Y(OAr')3Na (X-ray and 89Y-NMR): Hogerheide et al; Inorganic Chemistry, Vol. 35, No. 5, 1996, 35, 1185-1194.
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		5,694,500	12/02/97	Page et al.			
		5,726,796	03/10/98	Regener et al.			
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		4,225,459	09/1980	Faulstick et al.			
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		"Rare Earth Metal Containing Polymers, 4, Energy Transfer from Uranyl to Europium Ions in Ionomers," Okamoto et al., Macromolecules, 1981, 14, 807-809.
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		5,614,596	3/97	Laine et al.			
		5,690,863	11/97	Schuman			
		5,759,448	6/98	Katono et al.			

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		"Inorganic Coordination Polymers, XVIII, Observations on Brittle and Flexible Films of [Cr[OP(CH3)(C6H5)O[2[OP(C8H17)20]]x*" Nannelli et al., Journal of Polymer Science: Polymer Chemistry Edition, Vol. 13, 2849-2856 (1975)
		"Polymeric Metal Phosphinates," Inorganic Macromolecules Review, 1 (1970) 115-125
		"Solid Polymers Doped with Rare Earth Metal Salts, I, Complex Formation and Morphology in the Neodymium Chloride - Poly (Ethylene Oxide) System," Twomey et al , Journal of Polymer Science: Part B: Polymer Physics, Vol. 29, 859-865 (1991).
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		"The Golden Age of Optical Fiber Amplifiers," Desurvire, PHYSICS TODAY, January 1994, pp. 20-27.
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		"Inorganic Coordination Polymers. XI. A New Family of Chromium (III) Bis(phosphinate) Polymers, $[Cr(OH)(OPRR'O)_2]_x$, P. Nannelli et al., Journal of Polymer Science: Part A-1, Vol. 9, 3027-3038 (1971).
		"Disassociation Constants for Polyfluoro of Phosphorus in Various Media," G. Matveeva et al., Akad. Nank, SSR. Ser. Klaim, 1982, 1491, pp. 1329-1335.

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